

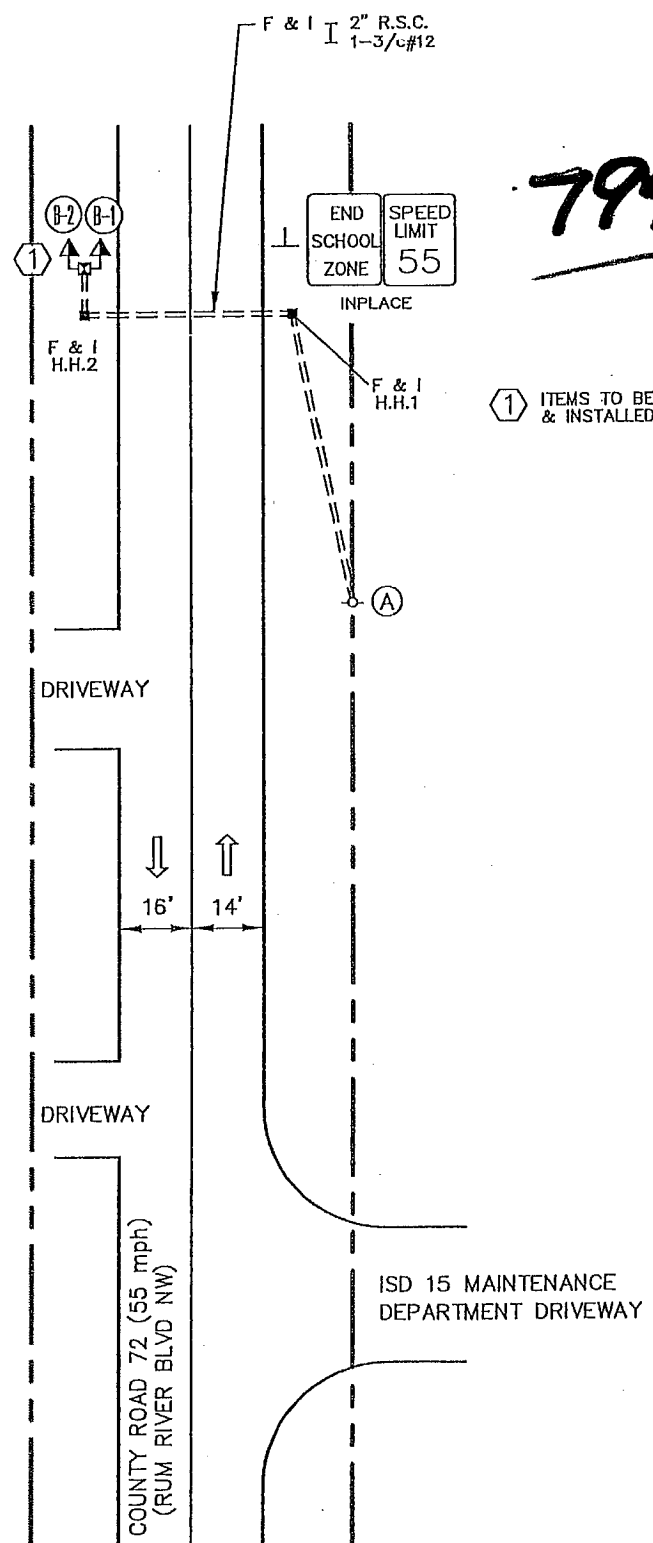
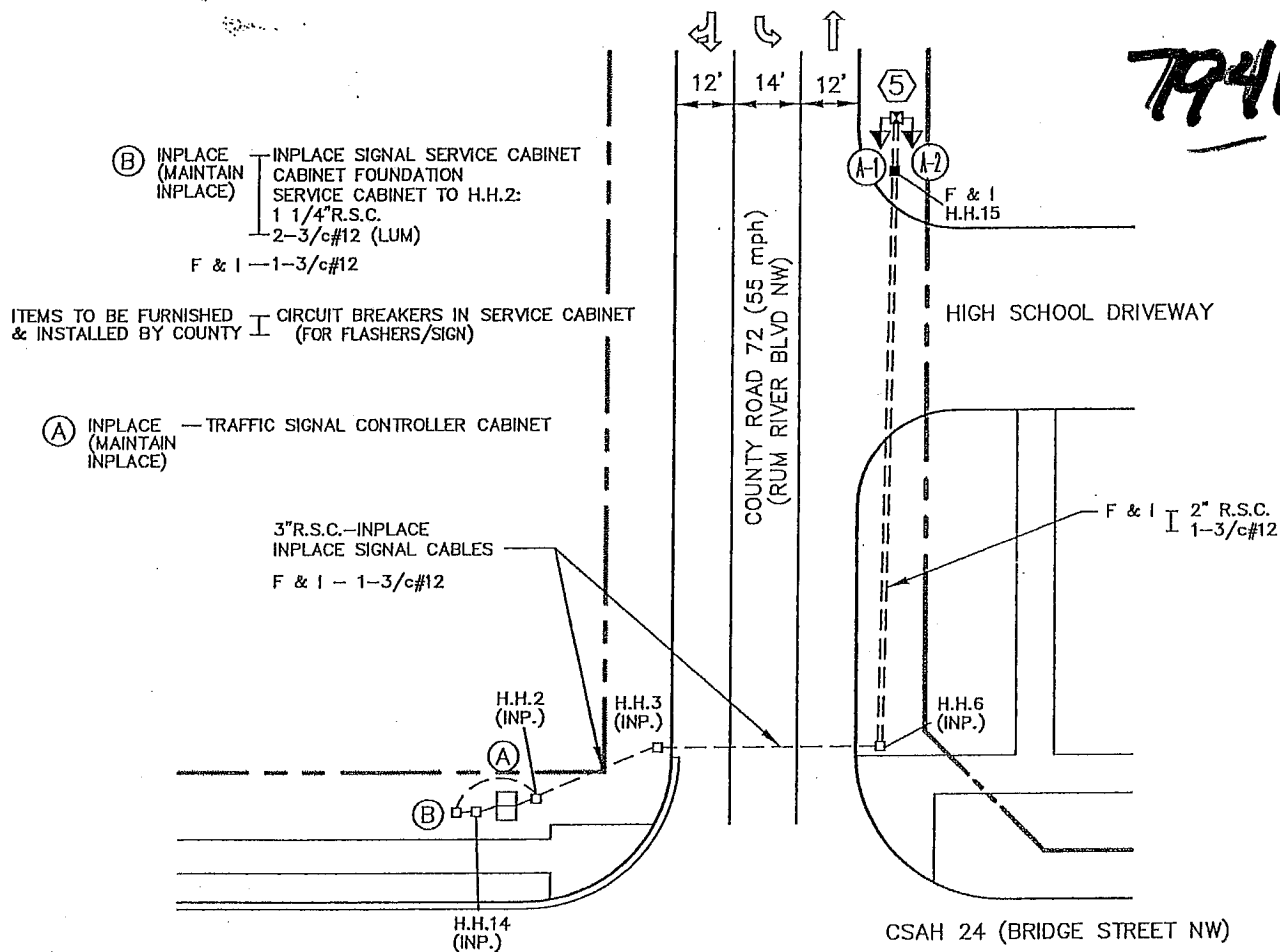
SOUTH FLASHER SYSTEM



NORTH FLASHER SYSTEM

7941

7942



(B) INPLACE (MAINTAIN INPLACE) INPLACE SIGNAL SERVICE CABINET
CABINET FOUNDATION
SERVICE CABINET TO H.H.2:
1 1/4" R.S.C.
2-3/c#12 (LUM)
F & I - 1-3/c#12

ITEMS TO BE FURNISHED & INSTALLED BY COUNTY
CIRCUIT BREAKERS IN SERVICE CABINET (FOR FLASHERS/SIGN)

(A) INPLACE (MAINTAIN INPLACE) - TRAFFIC SIGNAL CONTROLLER CABINET

3" R.S.C. - INPLACE
INPLACE SIGNAL CABLES
F & I - 1-3/c#12

H.H.2 (INP.)
H.H.3 (INP.)

H.H.14 (INP.)

F & I 2" R.S.C.
1-3/c#12

H.H.6 (INP.)

F & I H.H.2

END SCHOOL ZONE
SPEED LIMIT 55

INPLACE

F & I H.H.1

(1) ITEMS TO BE FURNISHED & INSTALLED BY COUNTY
14' PEDESTAL POLE (INCLUDES BASE)
WIND COLLAR FOR PEDESTAL POLE
2-12" LED YELLOW FLASHERS WITH VISORS, BRACKETING, AND SLIPFITTER COLLAR (FACING SOUTHBOUND TRAFFIC)
RADAR SPEED SIGN (YOUR SPEED XX) - (30"x41") - POLE MOUNTED
S5-1 (SCHOOL-SPEED LIMIT 35-WHEN FLASHING) SIGN PANEL (24"x48") - POLE MOUNTED
1/2" EL FROM BOTTOM OF RADAR SIGN DISCONNECT BOX TO PEDESTAL POLE
ELECTRICAL CABLES FROM SIGN PANEL AND FLASHERS TO PEDESTAL POLE BASE (CONNECT TO 1-3/c#12 IN POLE BASE)

F & I PEDESTAL FOUNDATION
EXTEND INTO H.H.2:
2" R.S.C.
1-3/c#12

(A) INPLACE WOOD POLE (S.O.P.) (CONNEXUS)

F & I METER AND DISCONNECT - WOOD POLE MOUNTED
1-60A/2P MAIN BREAKER
4-20A/1P SIGN/FLASHER BREAKERS
EXTEND ABOVE METER AND UP WOOD POLE:
1 1/4" R.S.C. RISER AND WEATHERHEAD
3-1/c#6
BETWEEN METER AND DISCONNECT:
1 1/4" R.S.C.
3-1/c#6
EXTEND BELOW DISCONNECT INTO H.H.1:
2" R.S.C.
1-3/c#12

(5) ITEMS TO BE FURNISHED & INSTALLED BY COUNTY
14' PEDESTAL POLE (INCLUDES BASE)
WIND COLLAR FOR PEDESTAL POLE
2-12" LED YELLOW FLASHERS WITH VISORS, BRACKETING, AND SLIPFITTER COLLAR (FACING NORTHBOUND TRAFFIC)
RADAR SPEED SIGN (YOUR SPEED XX) - (30"x41") - POLE MOUNTED
S5-1 (SCHOOL-SPEED LIMIT 35-WHEN FLASHING) SIGN PANEL (24"x48") - POLE MOUNTED
1/2" EL FROM BOTTOM OF RADAR SIGN DISCONNECT BOX TO PEDESTAL POLE
ELECTRICAL CABLES FROM SIGN PANEL AND FLASHERS TO PEDESTAL POLE BASE (CONNECT TO 1-3/c#12 IN POLE BASE)

F & I PEDESTAL FOUNDATION
EXTEND INTO H.H.15:
2" R.S.C.
1-3/c#12

FLASHER SYSTEM NOTES:

- 1) SEE SPECIAL PROVISIONS AND DETAILS FOR FURTHER INFORMATION REGARDING FLASHER SYSTEM INSTALLATION.
- 2) FLASHER/SIGN SYSTEM SHALL BE TIME OF DAY ACTUATED.
- 3) LOCATION OF FOUNDATION AND HANDHOLES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 4) INPLACE SIGN AND POST REMOVAL ADJACENT TO NEW PEDESTAL POLE MOUNTED FLASHER AND SIGN INSTALLATION SHALL BE COMPLETED BY COUNTY AT NO EXPENSE TO THE CONTRACTOR.
- 5) ALL YELLOW FLASHERS WILL BE LED.
- 6) SEE DETAILS FOR FURTHER INFORMATION REGARDING MOUNTING OF ALL FLASHER POLE MATERIALS AND ELECTRICAL EQUIPMENT.
- 7) HANDHOLES SHALL BE PVC HANDHOLES WITH METAL FRAMES AND COVERS PER MN/DOT STANDARD PLATE 8114.
- 8) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTACT WITH POWER COMPANY (CONNEXUS) FOR POWER CONNECTION.
- 9) SEE ATTACHED TRAFFIC SIGNAL PLAN (INTERSECTION LAYOUT) FOR FURTHER INFORMATION REGARDING EXISTING SIGNAL SYSTEM.

S:\A\ANOKA\COMMON\SCHOOL_FLASHERS\2010_FLASHERS\PLANS\2010PLANS.DWG

DRAWN BY: JMG				
DESIGNER: JMG				
CHECKED BY: JMG				
DESIGN TEAM	NO.	BY	DATE	REVISIONS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 Name: John M. Gray, PE
 Lic. No. 22457
 Date: July 22, 2010

SEH
 PHONE: (651) 490-2000
 3535 VADNAIS CENTER DR.
 ST. PAUL, MN 55110

ANOKA COUNTY, MN
 2010 SCHOOL FLASHERS
 CITY OF ST. FRANCIS

SCHOOL SPEED ZONE FLASHER/SIGN SYSTEMS
 INTERSECTION LAYOUT-SYSTEM 'B'
 COUNTY ROAD 72 (RUM RIVER BLVD)
 AT ST. FRANCIS HIGH SCHOOL

S.P. 02-070-00
 FILE NO. ANOKC 112799
 DATE 07/22/2010
 6
 8